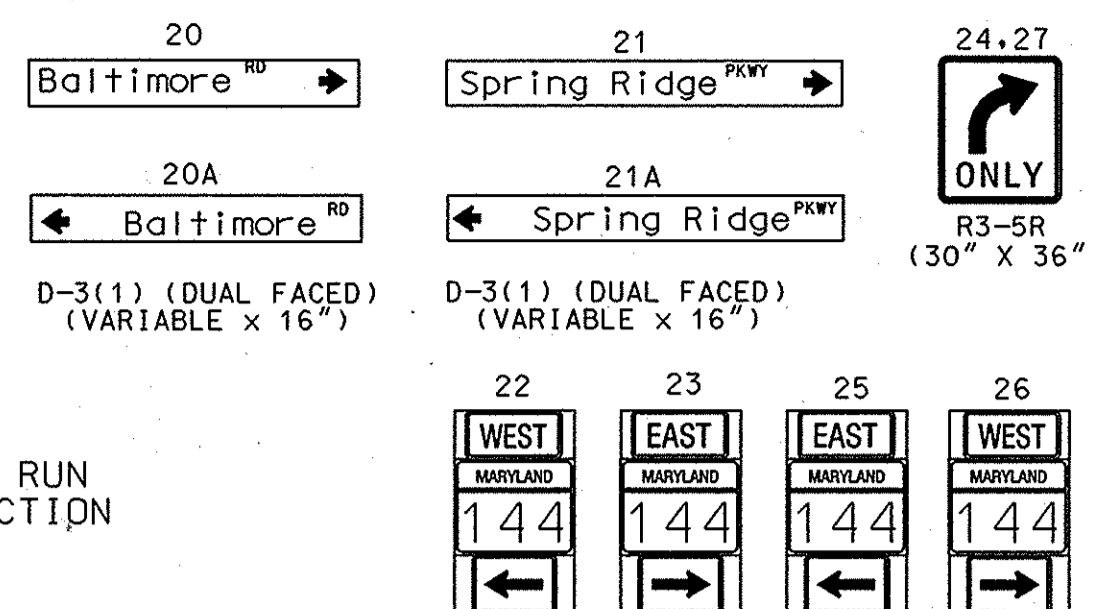


EXISTING SIGNS

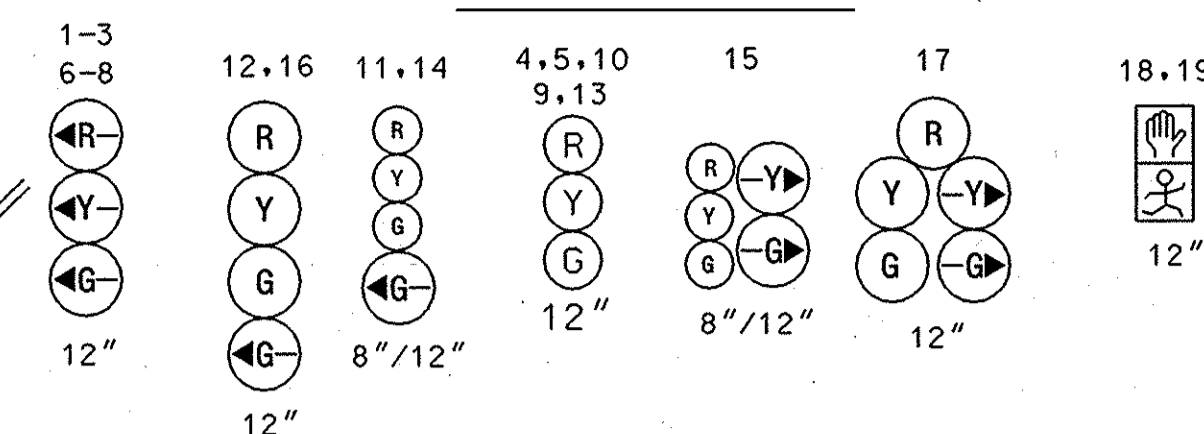


MD 144 IS ASSUMED TO RUN
IN AN EAST-WEST DIRECTION

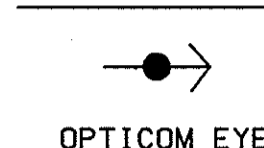
PROJECT DESCRIPTION

THIS PROJECT INVOLVES THE INSTALLATION OF AN OPTICOM DETECTOR EYE FOR THE SB
APPROACH OF SPRING RIDGE PARKWAY. FREDERICK COUNTY WILL BE INSTALLING AN EMITTER
HARDWIRED TO A PUSHBUTTON IN THE NEWLY CONSTRUCTED FIRE DEPARTMENT LOCATED ALONG
SPRING RIDGE PARKWAY. SHA FORCES SHALL ALIGN THE EYE WITH THE EMITTER FOR MAXIMUM
SIGNAL ACCURACY

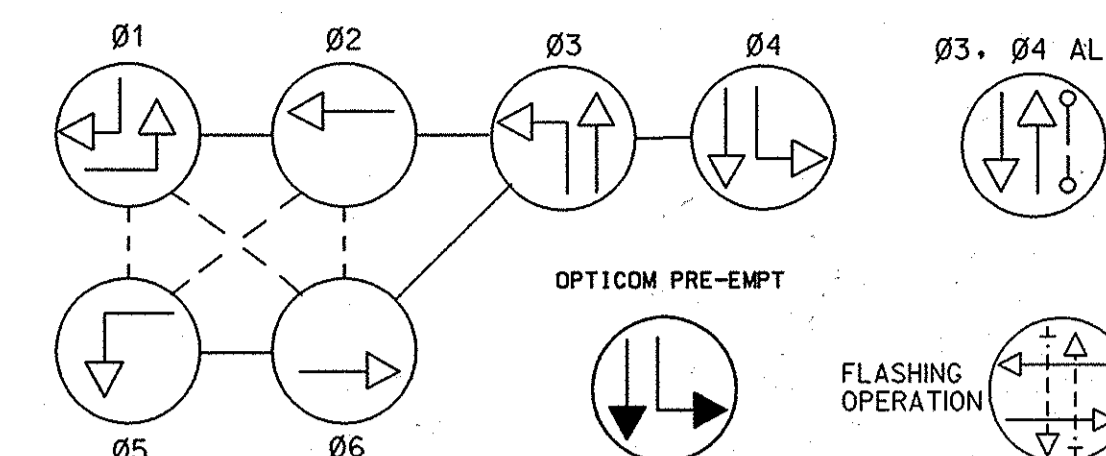
EXISTING SIGNALS



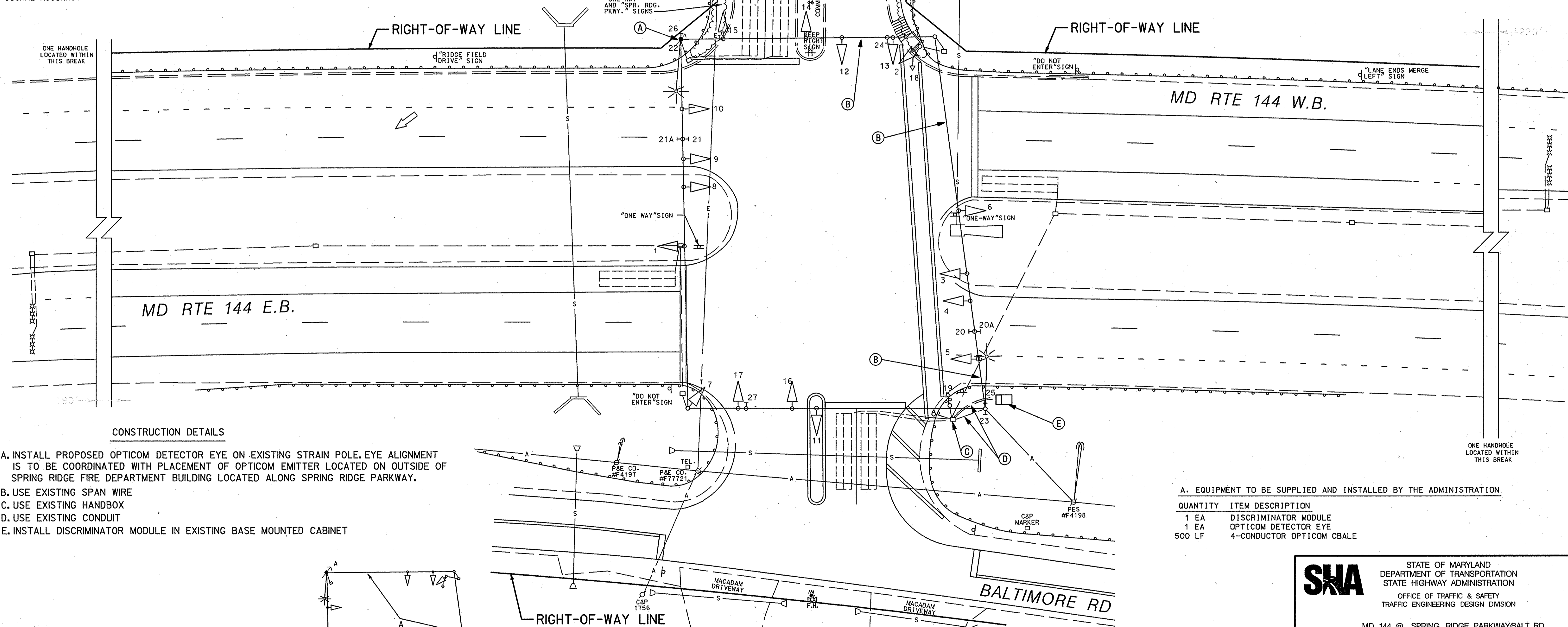
PROPOSED SIGNAL



NEMA PHASING



PHASES ASSOCIATED BY A DASHED LINE WILL OPERATE CONCURRENTLY
PHASES ASSOCIATED BY A SOLID LINE WILL NOT OPERATE CONCURRENTLY



CONSTRUCTION DETAILS

- INSTALL PROPOSED OPTICOM DETECTOR EYE ON EXISTING STRAIN POLE. EYE ALIGNMENT IS TO BE COORDINATED WITH PLACEMENT OF OPTICOM EMITTER LOCATED ON OUTSIDE OF SPRING RIDGE FIRE DEPARTMENT BUILDING LOCATED ALONG SPRING RIDGE PARKWAY.
- USE EXISTING SPAN WIRE
- USE EXISTING HANDBOX
- USE EXISTING CONDUIT
- INSTALL DISCRIMINATOR MODULE IN EXISTING BASE MOUNTED CABINET

A. EQUIPMENT TO BE SUPPLIED AND INSTALLED BY THE ADMINISTRATION

QUANTITY	ITEM DESCRIPTION
1 EA	DISCRIMINATOR MODULE
1 EA	OPTICOM DETECTOR EYE
500 LF	4-CONDUCTOR OPTICOM CBALE

WIRING DIAGRAM

- A 4-CONDUCTOR OPTICOM
LEAD IN CABLE

UTILITY LEGEND

G	GAS MAIN
W	WATER MAIN
S	SEWER MAIN
E	ELECTRIC CABLES
A	AERIAL CABLES
T	TELEPHONE CABLES

BY: cstrain



STATE OF MARYLAND
DEPARTMENT OF TRANSPORTATION
STATE HIGHWAY ADMINISTRATION
OFFICE OF TRAFFIC & SAFETY
TRAFFIC ENGINEERING DESIGN DIVISION
MD 144 @ SPRING RIDGE PARKWAY/BALT. RD

SIGNALIZATION PLAN SHEET

SCALE 1" = 20' DATE AUGUST, 2007 CONTRACT NO. CONTRACT NO.

DESIGNED BY S BLOSS COUNTY FREDERICK
DRAWN BY S BLOSS LOGMILE 10144001.35
CHECKED BY N LEARY TMS NO. 1589
FAP NO. N/A TOD NO. N/A

TS NO. 3853C DRAWING SG-1 OF 1 SHEET NO. OF

APPROVALS	REVISIONS
TEAM LEADER	1. INSTALL OPTICOM EYE ON NW CORNER POLE FOR RELOCATED SPRING RIDGE FIRE DEPARTMENT
ASST. DIR. CHIEF	2. CONVERT EB FLASHING RED ARROW TO SHORDED EXCLUSIVE, ADD WB EXCLUSIVE, SPLIT SIDE STREETS
DIVISION CHIEF	3. A PUSHBUTTON, X-WALK, INDICATORS ON EAST LED FLASHING RED ARROW FOR EB 144 CONCURRENT RT TURN FOR SB SPRING RIDGE
OFFICE DIRECTOR	

PLOTTED: Friday, July 20, 2007 at 9:25:41 AM
FILE: MD 144-SignalShop-Opticom-2007.dgn